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(54) PRODUCTION OF SOLUTION OF LIGNOCELLULOSE MATERIAL OBTAINED FROM WOOD AND THE LIKE

(57)Abstract:

PURPOSE: To very easily dissolve lignocellulose material obtd. from wood, etc., without chemically modifying it, by adding lignocellulose material to a phenol or a bisphenol and heating the mixture at a high temp.

CONSTITUTION: Lignocellulose material obtd. from wood, etc. is mixed with a phenol or a bisphenol and the mixture is heated at 200W300°C to obtain a soln. or a paste of the lignocellulose material. In the conventional production of wooden soln., the chemical modification such as esterification or etherification of raw wood must be carried out before wood is dissolved in a compd. serving as a solvent. However, the above method can dispense with this step. Examples of the phenols are mono-, di- and trihydric phenols. Examples of the bisphenols are bisphenol A and bisphenol F.